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Y—146—2019

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Fifth Semester) (Backlog) EXAMINATION

OCTOBER/NOVEMBER, 2019

(CGPA Pattern)

ZOOLOGY

Paper XIII (D) (Applied Zoology)

(Environmental Biology—I)

(Wednesday, 20-11-2019)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

- N.B. :—*
- (i) All questions are compulsory.
 - (ii) Draw well labelled diagram wherever necessary.
 - (iii) All questions carry equal marks.

1. Write notes on any *four* of the following : 8
 - (a) Lithosphere
 - (b) Decomposer.
 - (c) In-situ conservation
 - (d) Sanctuaries
 - (e) pH
 - (f) Omnivorous.
2. Write notes on any *two* of the following : 8
 - (a) Physico-chemical properties of water.
 - (b) Carbon cycle.
 - (c) Composition of atmosphere.
 - (d) Soil profile.

P.T.O.

3. Write notes on any *two* of the following : 8
- (a) Food web
 - (b) Marine habitat.
 - (c) Energy flow in ecosystem
 - (d) Components of ecosystem.
4. Write notes on any *two* of the following : 8
- (a) Biodiversity of India
 - (b) Ex-situ conservation
 - (c) Habitat loss
 - (d) Poaching of wildlife.
5. Describe in detail any *one* of the following : 8
- (a) Explain in detail sanctuaries in Maharashtra.
 - (b) Explain in detail management of wildlife.